Kepler - Bug #4983

cannot run kepler.sh in RC2

05/07/2010 10:08 AM - Daniel Crawl

Status:	Resolved		**Start date:**	05/07/2010
Priority:	Normal		**Due date:**	
Assignee:	Chad Berkley		**% Done:**	0%
Category:	execution engine		**Estimated time:**	0.00 hour
Target version:	2.0.0		**Spent time:**	0.00 hour
Bugzilla-Id:	4983			

Description

1. /Applications/Kepler-2.0-RC2/Kepler.app/Kepler/kepler.sh
   Exception in thread "main" java.lang.NoClassDefFoundError: org/kepler/build/runner/Kepler

Related issues:

Blocked by Kepler - Bug #4943: RC5 Installer Tracking Bug	**Resolved**	**04/19/2010**

History

#1 - 05/07/2010 11:10 AM - Daniel Crawl

This works if kepler.sh/bat is in the current directory.

#2 - 05/20/2010 04:50 AM - David Welker

This bug is still true in RC 3. If you are in the same directory as kepler.sh or kepler.bat, it works, but if not, it doesn't. Is this something that should work differently?

#3 - 05/20/2010 01:09 PM - Christopher Brooks

This works for me:
--start--
#!/bin/sh -x

1. This script starts Kepler.
2. Run with -h to see all command-line options.
3. This script is auto-generated by the 'ant startupScript' command
   keplerScriptPath=$0
   kepler=`dirname $keplerScriptPath`
   java -classpath ${kepler}/build-area/lib/ant.jar:${kepler}/kepler.jar org.kepler.build.runner.Kepler "$1" "$2" "$3" "$4" "$5" "$6" "$7" "$8" "$9"

~~end~~

#4 - 05/23/2010 09:30 PM - David Welker

Should I close this bug?

#5 - 05/24/2010 08:42 AM - Christopher Brooks

The acceptance criteria to close this bug would be for
"ant startup-script"

to create a kepler/kepler.sh script that properly invokes Kepler
in a directory other than the kepler directory.

Also, kepler.bat should be checked and possibly fixed.

#6 - 05/28/2010 12:17 PM - Sean Riddle

I have a script that works for kepler.sh. I haven't integrated it into the startup-script target yet, though. It's attached below. Does anybody have a problem with using /bin/bash instead of /bin/sh? It's a lot easier to robustly get the location of the script with bash.

#!/bin/bash

1. This script starts Kepler.
2. Run with -h to see all command-line options.
3. This script is auto-generated by the 'ant startupScript' command

```
#CURDIR=`pwd`
#cd $(dirname $0)
#echo `dirname $0`
CUR_DIR=`pwd`
SCRIPT_DIR=`dirname $BASH_SOURCE`
echo $SCRIPT_DIR
cd $SCRIPT_DIR
java -classpath build-area/lib/ant.jar:kepler.jar org.kepler.build.runner.Kepler "$1" "$2" "$3" "$4" "$5" "$6" "$7" "$8" "$9"
echo $CUR_DIR
cd $CUR_DIR
```

#7 - 06/01/2010 10:59 AM - Sean Riddle

Fixed in r24623 in trunk build-area (script works from any directory on a Mac). Is there a separate 2.0 build-area that's getting used for anything?

#8 - 06/01/2010 11:05 AM - Derik Barseghian

Yes, build instructions point to: https://code.kepler-project.org/code/kepler/releases/release-branches/build-area-2.0/

#9 - 06/01/2010 11:08 AM - Sean Riddle

Okay, patched in branch as well.

#10 - 06/01/2010 11:18 AM - Christopher Brooks

Thanks for taking a look at this.
One issue is that by changing directories to the script directory,
starting java and then changing to the CUR_DIR is that
the Java process will have java.user.dir (or whatever it is)
set to the the script directory.

This would be confusing because if I start kepler.sh in a directory
and then do File|Open, I'll be in the Kepler script directory.

Most scripts, when invoked from a command line prompt, have
the current directory of the program be the directory in which the
script was invoked.

A fix would be to add SCRIPT_DIR to the classpath:

-classpath "${SCRIPT_DIR}/build-area/lib/ant.jar:${SCRIPT_DIR}kepler.jar"

Also, be sure to test your script in a directory that has spaces
in the path and a Kepler installation that has spaces in the path.

#11 - 03/27/2013 02:28 PM - Redmine Admin

Original Bugzilla ID was 4983